



State Revolving Fund Loan Programs

Drinking Water, Wastewater, Nonpoint Source

PRELIMINARY DECISION OF CATEGORICAL EXCLUSION

TO ALL INTERESTED CITIZENS, ORGANIZATIONS AND GOVERNMENT AGENCIES:

INDIANA AMERICAN WATER
Muncie Water Main Replacement
SRF # DW 09241805

Date: October 8, 2009

Target Project Approval Date: October 9, 2009

Pursuant to IC 4-4-11, the State Revolving Fund (SRF) Loan Program has determined that the project described here and in the Indiana American Water Preliminary Engineering Report submitted to the SRF on March 13, 2009 will have no substantial negative environmental impact. Therefore, the SRF is issuing a preliminary decision of Categorical Exclusion from the requirements of substantive environmental review.

How were environmental issues considered?

The National Environmental Policy Act (NEPA) requires agencies disbursing Federal funds to include environmental factors in the decision making process. A summary of the project is attached for your review. The SRF's preliminary review has found that the proposed project does not require the preparation of either an EA or an EIS.

Why is additional environmental review not required?

Our environmental review has concluded that significant environmental impacts will not result from the proposed action.

How do I submit comments?

Comments can be submitted to:

Amy Henninger, Senior Environmental Manager
SRF Programs
317-232-6566; ahenning at ifa.in.gov

CATEGORICAL EXCLUSION

I. PROJECT IDENTIFICATION

Project Name and Address: Water Main Replacements
Indiana American Water – Muncie
555 East County Line Road, Suite 201
Greenwood, IN 46143

SRF Project Number: DW 09241805

Authorized Representative: Stacy Hoffman
Director of Engineering

II. PROJECT LOCATION

North Street: The proposed project is located along North Street from Linden Street to Greenwood Street. The project area is located in Center Township, Delaware County, Section 10, Township 20 North, Range 10 East (Muncie West, Indiana USGS Quadrangle Map). See Figure 2.2.

University Avenue: The proposed project is located along University Avenue from Tillotson Avenue going east 1,200 feet. The project is located in Center Township, Delaware County, Section 8, Township 20 North, Range 10 East (Muncie West, Indiana USGS Quadrangle Map). See Figure 3.2.

III. PROJECT NEED AND DESCRIPTION

North Street: The existing 2-inch galvanized steel pipe has been in service since the 1940s. Corrosion and deterioration have resulted in numerous breaks and leaks in recent years. This has in turn reduced flow and pressure for customers in the area. The proposed project will replace the obsolete pipe via open cut and /or directional drill method of installations with approximately 980 LF of 8-inch and 6-inch diameter ductile iron and AWWA C900 PVC pipe (with Certa-Lok restrained joints for directional drilling) to alleviate flow and pressure problems in the area.

University Avenue: The existing 6-inch cast iron pipe has been in service since the 1940s. Corrosion and deterioration have resulted in numerous breaks and leaks in recent years. This has in turn reduced flow and pressure for customers in the area. The proposed project will replace the obsolete pipe via open cut and /or directional drill method of installations with approximately 1,140 LF of 6-inch and 12-inch diameter ductile iron and AWWA C900 PVC pipe (with Certa-Lok restrained joints for directional drilling) to alleviate flow and pressure problems in the area.

IV. ESTIMATED PROJECT COSTS, AFFORDABILITY AND FUNDING

A. Selected Plan Estimated Cost Summary

North Street

Construction Costs

Construction Sub-Total	\$ 107,448
Contingencies (15%)	16,117
<i>Construction Total</i>	<i>\$ 123,565</i>

Non-Construction Costs

Preliminary Engineering Report	\$ 1,494
Survey and Engineering	7,762
Construction Administration	9,400
Project Inspection	18,800
Permits	150
<i>Non-Construction Total</i>	<i>\$ 37,606</i>
Project Cost	\$ 161,171

University Avenue

Construction Costs

Construction Sub-Total	\$ 112,180
Contingencies (15%)	16,827
<i>Construction Total</i>	<i>\$ 129,007</i>

Non-Construction Costs

Preliminary Engineering Report	\$ 1,495
Survey and Engineering	12,826
Construction Administration	10,200
Project Inspection	20,400
Permits	150
<i>Non-Construction Total</i>	<i>\$ 45,071</i>
Project Cost	\$ 174,078

Total Project Cost \$ 335,249

B. Indiana American Water will finance the project with a 20-year loan of approximately \$335,249 from the State Revolving Fund (SRF) Loan Program at an interest rate to be

determined at the time of loan closing. Monthly user rates and charges may need to be analyzed to determine if adjustments are required for loan repayment.

V. ENVIRONMENTAL IMPACTS OF THE FEASIBLE ALTERNATIVES

Environmental impacts will be minimal. The projects will be installed in the existing right-of-ways of North Street and University Ave. The Right-of-ways have been previously disturbed by road construction, installation of the existing water. The project will not affect streams, wetlands, wooded areas, the 100-year floodplain or the Lake Michigan Coastal Management Zone. The Natural Resources Conservation Service has indicated that the projects will not convert prime farmland. These projects have no potential to affect historic sites (see figures 2.7 and 3.7). The SRF's finding pursuant to Section 106 of the National Historic Preservation Act is: "no historic properties affected."

VI. PUBLIC PARTICIPATION

A properly noticed public hearing was held on August 31, 2009 at 6:00 p.m. at Horizon Convention Center, 401 S. High Street in Muncie. No written comments were received in the 5-day period following the hearing.

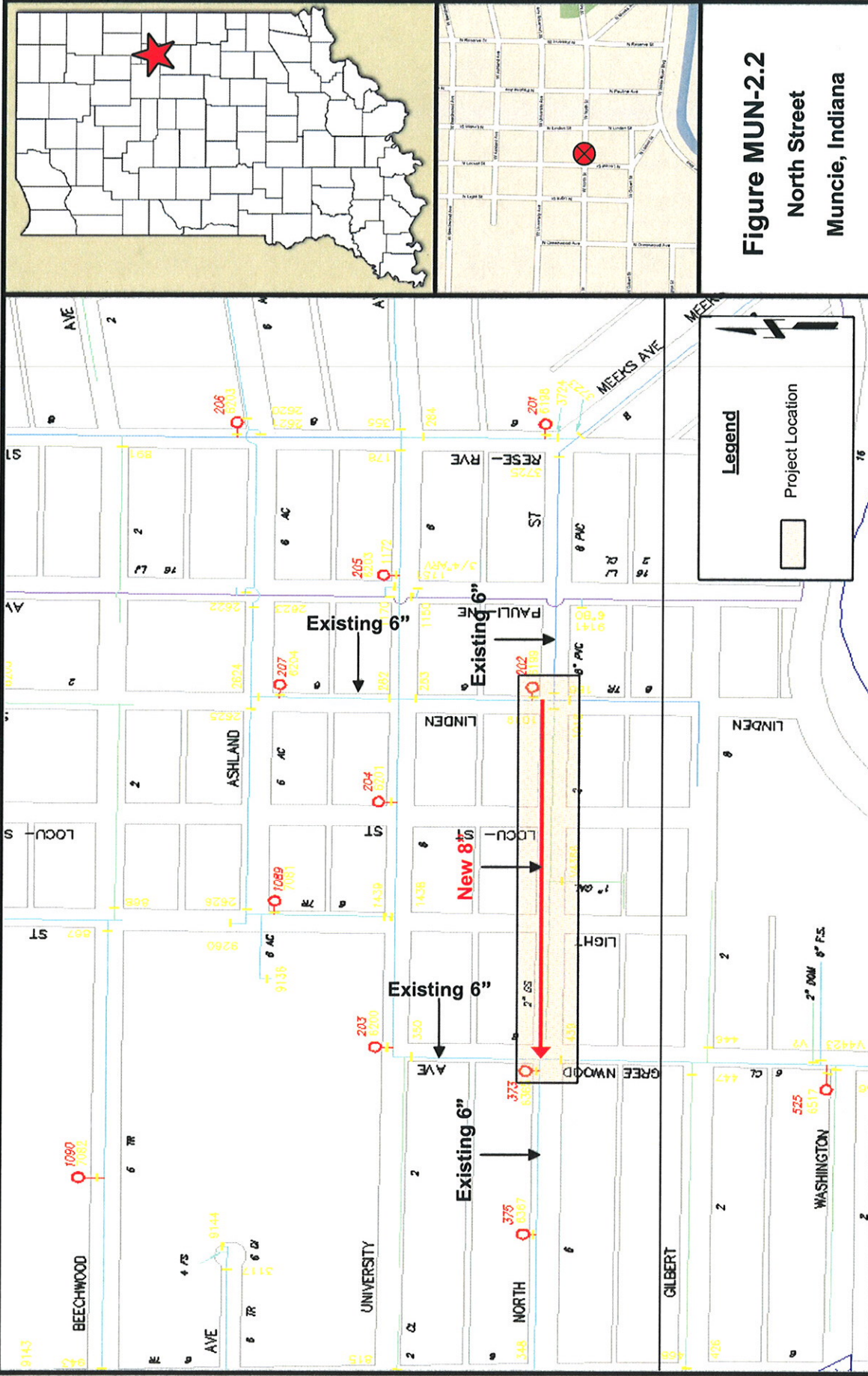


Figure MUN-2.2
North Street
Muncie, Indiana



Install 960 feet of 8" ductile iron main to replace the existing 2" galvanized steel main on North Street from Linden Street to Greenwood Street tying into existing 6" water main, eliminating a dead end.



SCALE: 1" = 392'

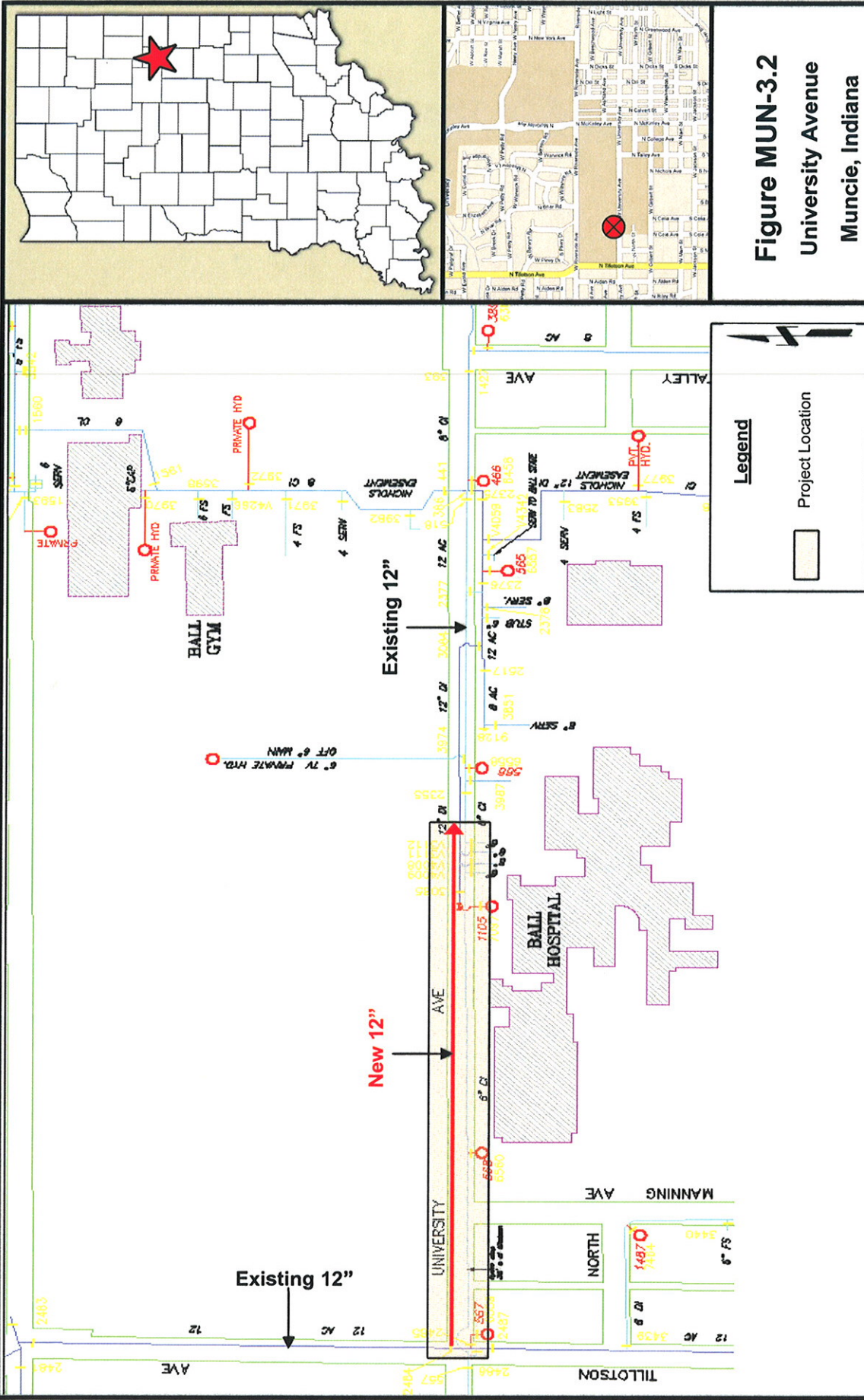
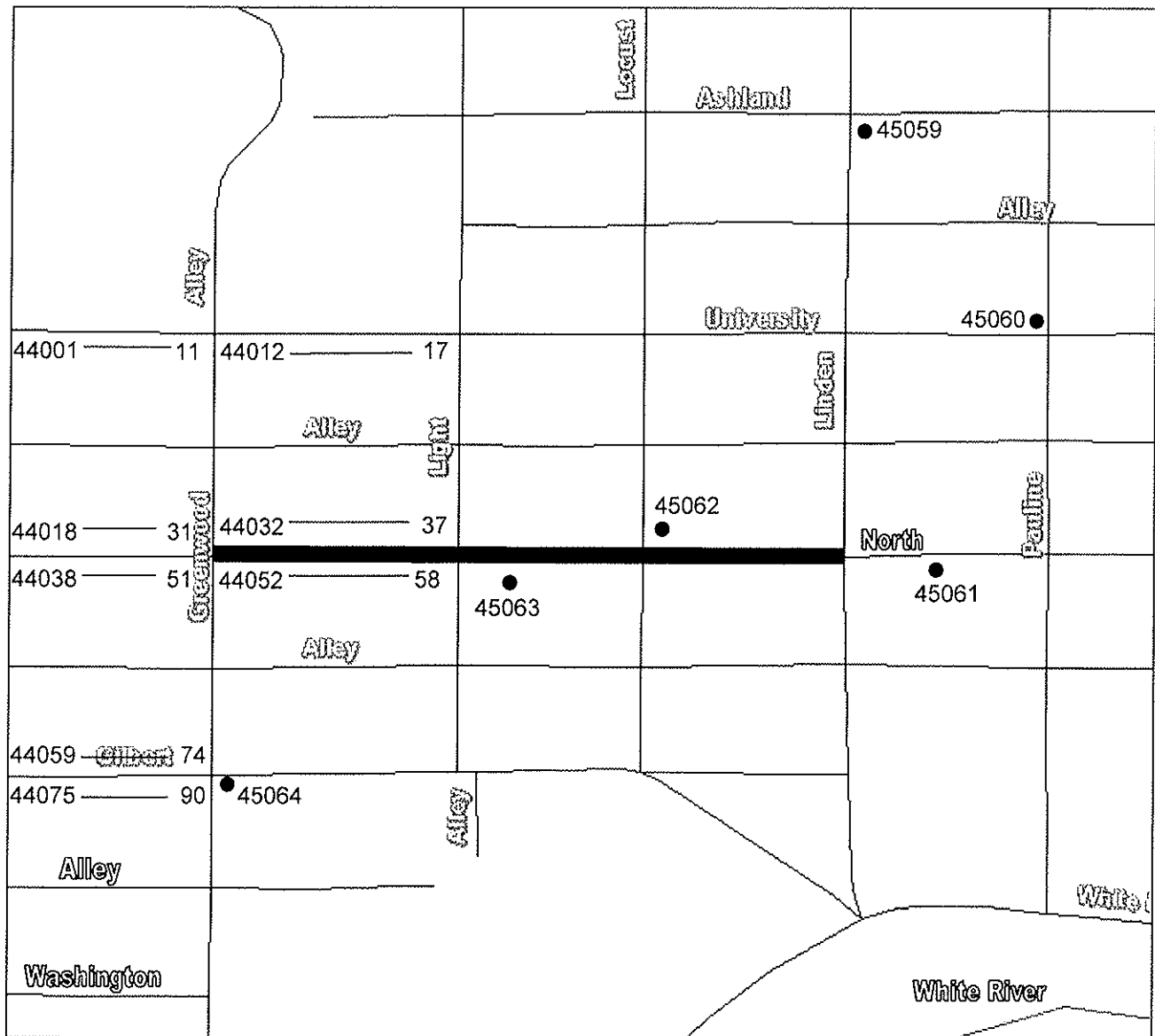


Figure MUN-3.2
University Avenue
Muncie, Indiana



Install 1,200 feet of 12" ductile iron main to replace the existing 6" cast iron main on University Avenue from North Tiltotson Avenue east.





Delaware County, Center Township - Riverside
Historic District (Sites # 44001-090); Muncie
Scattered Sites (Sites # 45001-334)

0 250 500
DISTANCE IN FEET

LEGEND




-  Water Main Replacement
-  Stream
-  Historic Site

Figure MUN-2.7

INDIANA-AMERICAN WATER COMPANY
PRELIMINARY ENGINEERING REPORT - MUNCIE
WATER MAIN REPLACEMENT ON NORTH STREET FROM NORTH LINDEN
STREET TO GREENWOOD STREET


INDIANA
AMERICAN WATER
Muncie District

